

Concept Name: **Precursor_B_Lymphoblastic_Leukemia_Lymphoma**

Pref. Name: Precursor B Lymphoblastic Leukemia/Lymphoma

Synonyms: Precursor B Lymphoblastic Lymphoma/Leukemia

Parent: Precursor_Lymphoblastic_Leukemia_Lymphoma

Parent: B-Cell_Lymphocytic_Neoplasm

Role Relationships (asserted or inherited):

all	Disease_Has_Associated_Anatomic_Site	Hematopoietic_System
all	Disease_Has_Associated_Anatomic_Site	Lymphatic_System
all	Disease_Has_Normal_Tissue_Origin	Lymphoid_Tissue
all	Disease_Has_Normal_Cell_Origin	B-Lymphoblast
all	Disease_Has_Abnormal_Cell	Neoplastic_B-Lymphoblast
some	Disease_May_Have_Molecular_Abnormality	Clonal_T-Cell_Receptor_Beta_Chain_Gene_Rearrangement
some	Disease_May_Have_Molecular_Abnormality	Clonal_T-Cell_Receptor_Gamma_Chain_Gene_Rearrangement
some	Disease_May_Have_Molecular_Abnormality	Clonal_Immunoglobulin_Heavy_Chain_Gene_Rearrangement
some	Disease_May_Have_Molecular_Abnormality	Clonal_Immunoglobulin_Kappa_Light_Chain_Gene_Rearrangement
some	Disease_May_Have_Cytogenetic_Abnormality	Loss_of_Chromosome_12p
some	Disease_May_Have_Cytogenetic_Abnormality	Loss_of_Chromosome_6q
some	Disease_May_Have_Cytogenetic_Abnormality	t_11_v_q23_v
some	Disease_May_Have_Finding	Lymphadenopathy

Role Group 1:

some	Disease_May_Have_Finding	Unfavorable_Clinical_Outcome
some	Disease_May_Have_Molecular_Abnormality	E2A-PBX1_Fusion_Protein_Expression
some	Disease_May_Have_Cytogenetic_Abnormality	t_1_19_q23_p13_3_PBX_E2A

Role Group 2:

some	Disease_May_Have_Finding	Unfavorable_Clinical_Outcome
some	Disease_May_Have_Molecular_Abnormality	p190_Fusion_Protein_Expression
some	Disease_May_Have_Molecular_Abnormality	p210_Fusion_Protein_Expression
some	Disease_May_Have_Cytogenetic_Abnormality	t_9_22_q34_q11

Role Group 3:

some	Disease_May_Have_Finding	Unfavorable_Clinical_Outcome
some	Disease_May_Have_Molecular_Abnormality	MLL-AF4_Fusion_Protein_Expression
some	Disease_May_Have_Cytogenetic_Abnormality	t_4_11_q21_q23

Definition: A neoplasm of lymphoblasts committed to the B-cell lineage, typically composed of small to medium-sized blast cells. When the neoplasm involves predominantly the bone marrow and the peripheral blood, it is called precursor B lymphoblastic leukemia (B-cell acute lymphoblastic leukemia). When it involves nodal or extranodal sites, it is called B lymphoblastic lymphoma. (WHO, 2001) – 2003